

Luminer – Bagian 2-1: Persyaratan khusus – Luminer terpasang tetap untuk penggunaan umum



Prakata

Standar Nasional Indonesia (SNI) mengenai “Luminer – Bagian 2-1: Persyaratan khusus – Luminer terpasang tetap untuk penggunaan umum”, diadopsi secara identik dari standar *International Electrotechnical Commission (IEC) 60598-2-1 (1979-01) “Luminaires – Part 2: Particular requirements, Section One: Fixed general purpose luminaires”*.

Standar ini dirumuskan oleh Panitia Teknik Pemanfaat/Peranti Listrik (PTPM) berkoordinasi dengan Departemen Energi dan Sumber Daya Mineral, dengan metode *cover sheet* sehingga isi standar adalah standar IEC yang diadopsi. Standar IEC tersebut akan diterjemahkan dalam bahasa Indonesia dalam jangka waktu tertentu sesuai ketentuan yang berlaku dari Badan Standardisasi Nasional (BSN). Standar ini telah melalui proses/prosedur perumusan standar dan terakhir dibahas dalam Forum Konsensus XXI pada tanggal 27 Mei 2003 untuk mencapai mufakat.

CATATAN Dokumen elektronik standar ini tidak dilampiri *full text* standar IEC yang diadopsi. Untuk memperoleh *full text* standar IEC tersebut dapat menghubungi BSN.



CONTENTS

	Page
FOREWORD	5
PREFACE	5
Clause	
1.1 Scope	7
1.2 General test requirements	7
1.3 Definitions	7
1.4 Classification of luminaires	7
1.5 Marking	7
1.6 Construction	7
1.7 Creepage distances and clearances	7
1.8 Provision for earthing	9
1.9 Terminals	9
1.10 External and internal wiring	9
1.11 Protection against electric shock	9
1.12 Endurance tests and thermal tests	9
1.13 Resistance to dust and moisture	9
1.14 Insulation resistance and electric strength	9
1.15 Resistance to heat, fire and tracking	9

INTERNATIONAL ELECTROTECHNICAL COMMISSION

LUMINAIRES

Part 2: Particular requirements

Section One — Fixed general purpose luminaires

FOREWORD

- 1) The formal decisions or agreements of the IEC on technical matters, prepared by Technical Committees on which all the National Committees having a special interest therein are represented, express, as nearly as possible, an international consensus of opinion on the subjects dealt with.
- 2) They have the form of recommendations for international use and they are accepted by the National Committees in that sense.
- 3) In order to promote international unification, the IEC expresses the wish that all National Committees should adopt the text of the IEC recommendation for their national rules in so far as national conditions will permit. Any divergence between the IEC recommendation and the corresponding national rules should, as far as possible, be clearly indicated in the latter.

PREFACE

This publication has been prepared by Sub-Committee 34D, Luminaires, of IEC Technical Committee No. 34, Lamps and Related Equipment. It is one section of the multi-section Publication 598 which is intended to replace IEC Publication 162, Luminaires for Tubular Fluorescent Lamps, and which introduces requirements for other luminaires.

A first draft was discussed at the meeting held in The Hague in 1975. As a result of this meeting, a draft, Document 34D(Central Office)36, was submitted to the National Committees for approval under the Six Months' Rule in July 1976.

The following countries voted explicitly in favour of publication:

Austria	Netherlands
Belgium	Norway
Brazil	Portugal
Denmark	South Africa (Republic of)
Egypt	Spain
Finland	Sweden
France	Switzerland
Germany	Turkey
Hungary	Union of Soviet
Israel	Socialist Republics
Italy	United Kingdom
Japan	United States of America

This publication should be read in conjunction with IEC Publication 598-1: Luminaires, Part 1: General Requirements and Tests.

LUMINAIRES

Part 2: Particular requirements

Section One — Fixed general purpose luminaires

1.1 Scope

This section of Part 2 of IEC Publication 598 specifies requirements for fixed general purpose luminaires for use with tungsten filament, tubular fluorescent and other discharge lamps on supply voltages not exceeding 1 000 V. It is to be read in conjunction with those sections of Part 1 to which reference is made.

1.2 General test requirements

The provisions of Section Zero of Publication 598-1 apply. The tests described in each appropriate section of Part 1 shall be carried out in the order listed in this section of Part 2.

1.3 Definitions

For the purposes of this section, the definitions of Section One of Publication 598-1 apply.

1.4 Classification of luminaires

Luminaires shall be classified in accordance with the provisions of Section Two of Publication 598-1.

1.5 Marking

The provisions of Section Three of Publication 598-1 apply.

1.6 Construction

The provisions of Section Four of Publication 598-1 apply.

1.7 Creepage distances and clearances

The provisions of Section Eleven of Publication 598-1 apply.

1.8 Provision for earthing

The provisions of Section Seven of Publication 598-1 apply.

1.9 Terminals

The provisions of Sections Fourteen and Fifteen of Publication 598-1 apply.

1.10 External and internal wiring

The provisions of Section Five of Publication 598-1 apply.

1.11 Protection against electric shock

The provisions of Section Eight of Publication 598-1 apply.

1.12 Endurance tests and thermal tests

The provisions of Section Twelve of Publication 598-1 apply.

1.13 Resistance to dust and moisture

The provisions of Section Nine of Publication 598-1 apply.

1.14 Insulation resistance and electric strength

The provisions of Section Ten of Publication 598-1 apply.

1.15 Resistance to heat, fire and tracking

The provisions of Section Thirteen of Publication 598-1 apply.

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